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Amendments to the Claims:

1. (Original) A multi-layer printed wire board structure, comprising:
  - a first conductive layer having a thickness between 25 and 50  $\mu\text{m}$ ;
  - a first insulative-coated conductive layer upon which said first conductive layer is disposed, wherein said first insulative-coated conductive layer has a thickness between 50 and 70  $\mu\text{m}$ ;
  - a second conductive layer upon which said first insulative-coated conductive layer is disposed, wherein said second conductive layer has a thickness between 25 and 50  $\mu\text{m}$ ;
  - a first insulative layer upon which said second conductive layer is disposed, wherein the first insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;
  - a third conductive layer upon which said first insulative layer is disposed, wherein the third conductive layer has a thickness between 12 and 19  $\mu\text{m}$ ; and
  - a second insulative layer upon which said third conductive layer is disposed wherein the second insulative layer has a thickness between 50 and 100  $\mu\text{m}$ .
2. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 1 further comprising:
  - a fourth conductive layer upon which said second insulative is disposed, wherein the fourth conductive layer has a thickness of 12 and 19  $\mu\text{m}$ ; and
  - a third insulative layer upon which said fourth conductive layer is disposed, wherein the third insulative layer has a thickness between 50 and 100  $\mu\text{m}$ .
3. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 1 further comprising:
  - a fifth conductive layer upon which said third insulative layer is disposed, wherein said fifth copper layer has a thickness between 12 and 19  $\mu\text{m}$ ;
  - a fourth insulative layer upon which said fifth conductive layer is disposed, wherein said fourth insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;

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a sixth conductive layer upon which said fourth insulative layer is disposed wherein said sixth conductive layer has a thickness between 12 and 19  $\mu\text{m}$ ;

a fifth insulative layer upon which said sixth conductive layer is disposed, wherein said fifth insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;

a seventh conductive layer upon which said fifth insulative layer is disposed, wherein said seventh conductive layer has a thickness between 25 and 50  $\mu\text{m}$ ;

a second insulative-coated conductive layer upon which said seventh conductive layer is disposed, wherein said second insulative-coated conductive layer has a thickness between 50 and 70  $\mu\text{m}$ ; and

an eighth conductive layer upon which said second insulative-coated conductive layer is disposed, wherein said eighth conductive layer has a thickness between 25 and 50  $\mu\text{m}$ .

4. (Currently Amended) ~~[[A]]~~The multi layer printed wire board structure of Claim 1, wherein said first and second conductive layers has a respective nominal thickness of 35  $\mu\text{m}$ ; said first insulative-coated conductive layer has a nominal thickness of 60  $\mu\text{m}$ ; said third conductive layer has a nominal thickness of 17  $\mu\text{m}$ ; and each insulative layer has a respective nominal thickness of 75  $\mu\text{m}$ .

5. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 1, wherein said first and second conductive layers are formed of copper.

6. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 1, wherein said first insulative-coated conductive layer comprises a resin-coated copper layer.

7. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 1, wherein each insulative layer comprises a dielectric layer.

8. (Currently Amended) ~~[[A]]~~The multi-layer printed wire board structure of Claim 7, wherein each insulative layer is formed of glass fibers and an epoxy matrix.

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9. (Currently Amended) ~~[[A.]]~~The multi-layer printed wire board structure of Claim 1 wherein said first insulative-coated conductive layer defines at least one via between said first and second conductive layers such that said first and second conductive layers are in electrical communication through the at least one via.

10. (Original) A mobile terminal comprising:  
a transmitter and receiver for transmitting and receiving signals, respectively, via a wireless communications system; and  
a multi-layer printed wire board structure in electrical communication with said transmitter and receiver, the structure comprising:  
a first conductive layer having a thickness between 25 and 50  $\mu\text{m}$ ;  
a first insulative-coated conductive layer upon which said first conductive layer is disposed, wherein said first insulative-coated conductive layer has a thickness between 50 and 70  $\mu\text{m}$ ;  
a second conductive layer upon which said first insulative-coated conductive layer is disposed, wherein said second conductive layer has a thickness between 25 and 50  $\mu\text{m}$ ;  
a first insulative layer upon which said second conductive layer is disposed, wherein the first insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;  
a third conductive layer upon which said first insulative layer is disposed, wherein the third conductive layer has a thickness between 12 and 19  $\mu\text{m}$ ; and  
a second insulative layer upon which said third conductive layer is disposed wherein the second insulative layer has a thickness between 50 and 100  $\mu\text{m}$ .

11. (Currently Amended) ~~[[A.]]~~The mobile terminal of Claim 10 further comprising:  
a fourth conductive layer upon which said second insulative is disposed, wherein the fourth conductive layer has a thickness of 12 and 19  $\mu\text{m}$ ; and  
a third insulative layer upon which said fourth conductive layer is disposed, wherein the third insulative layer has a thickness between 50 and 100  $\mu\text{m}$ .

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12. (Currently Amended) [[A]]The mobile terminal of Claim 11 wherein said multi-layer printed wire board structure further comprises:

a fifth conductive layer upon which said third insulative layer is disposed, wherein said fifth copper layer has a thickness between 12 and 19  $\mu\text{m}$ ;

a fourth insulative layer upon which said fifth conductive layer is disposed, wherein said fourth insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;

a sixth conductive layer upon which said fourth insulative layer is disposed wherein said sixth conductive layer has a thickness between 12 and 19  $\mu\text{m}$ ;

a fifth insulative layer upon which said sixth conductive layer is disposed, wherein said fifth insulative layer has a thickness between 50 and 100  $\mu\text{m}$ ;

a seventh conductive layer upon which said fifth insulative layer is disposed, wherein said seventh conductive layer has a thickness between 25 and 50  $\mu\text{m}$ ;

a second insulative-coated conductive layer upon which said seventh conductive layer is disposed, wherein said second insulative-coated conductive layer has a thickness between 50 and 70  $\mu\text{m}$ ; and

an eighth conductive layer upon which said second insulative-coated conductive layer is disposed, wherein said eighth conductive layer has a thickness between 25 and 50  $\mu\text{m}$ .

13. (Currently Amended) [[A]]The mobile terminal of Claim 9, wherein said first and second conductive layers has a respective nominal thickness of 35  $\mu\text{m}$ ; said first insulative-coated conductive layer has a nominal thickness of 60  $\mu\text{m}$ ; said third conductive layer has a nominal thickness of 17  $\mu\text{m}$ ; and each insulative layer has a respective nominal thickness of 75  $\mu\text{m}$ .

14. (Currently Amended) [[A]]The mobile terminal of Claim 9, wherein said first and second conductive layers are formed of copper.

15. (Currently Amended) [[A]]The mobile terminal of Claim 10, wherein said first insulative-coated conductive layer comprises a resin-coated copper layer.

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16. (Currently Amended) [[A]]The mobile terminal of Claim 10, wherein each insulative layer comprises a dielectric layer.

17. (Currently Amended) [[A]]The mobile terminal of Claim 16, wherein each insulative layer is formed of glass fibers and an epoxy matrix.

18. (Currently Amended) [[A]]The mobile terminal of Claim 10 wherein said first insulative-coated conductive layer defines at least one via between said first and second conductive layers such that said first and second conductive layers are in electrical communication through the at least one via.

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